

# Contents

## Articles

- 1 Ozanne, C.R. & Harries, P.J.: Role of predation and parasitism in the extinction of the inoceramid bivalves: an evaluation
- 21 Morard, A.: Post-pathological keel-loss compensation in ammonoid growth
- 35 Fagerstrom, J.A. & Bradshaw, M.A.: Early Devonian reefs at Reefton, New Zealand: guilds, origin and paleogeographic significance
- 51 Yazykova, E.: Ammonite and inoceramid radiations after the Santonian–Campanian bioevent in Sakhalin, Far East Russia
- 61 Kröger, B.: On the efficiency of the buoyancy apparatus in ammonoids: evidences from sublethal shell injuries
- 71 Harper, D.A.T. & Williams, S.H.: A relict Ordovician brachiopod fauna from the *Parakidograptus acuminatus* Biozone (lower Silurian) of the English Lake District
- 79 Engeser, T. & Keupp, H.: Phylogeny of the aptychi-possessing Neommonioidea (Aptychophora nov., Cephalopoda)
- 97 Lucas, S.G. & Schoch, R.R.: Triassic temnospondyl biostratigraphy, biochronology and correlation of the German Buntsandstein and North American Moenkopi Formation
- 107 Vannier, J. & Chen, J.-Y.: Digestive system and feeding mode in Cambrian naraoiid arthropods
- 121 Ferrández-Cañadell, C.: Multicellular-like compartmentalization of cytoplasm in fossil larger foraminifera
- 131 Wan, X., Jansa, L.F. & Sarti, M.: Cretaceous and Paleogene boundary strata in southern Tibet and their implication for the India–Eurasia collision
- 147 Hallam, A.: How catastrophic was the end-Triassic mass extinction?
- 158 Olóriz, F., Palmqvist, P. & Pérez-Claros, J.A.: Morphostructural constraints and phylogenetic overprint on sutural frilling in Late Jurassic ammonites
- 169 Johanson, Z.: Vascularization of the osteostracan and antiarch (Placodermi) pectoral fin: similarities, and implications for placoderm relationships
- 191 Moczydcowska, M.: Early Cambrian phytoplankton diversification and appearance of trilobites in the Swedish Caledonides with implications for coupled evolutionary events between primary producers and consumers
- 215 Henderson, R.A., Kennedy, W.J. & Cobban, W.A.: Perspectives of ammonite paleobiology from shell abnormalities in the genus *Baculites*
- 231 Jia-Yu, R., Xu C. & Harper, D.A.T.: The latest Ordovician *Hirnantia* Fauna (Brachiopoda) in time and space

- 250 Maisch, M.W. & Matzke, A.T.: The skull of a large Lower Triassic ichthyosaur from Spitzbergen and its implications for the origin of the Ichthyosauria
- 257 Seilacher, A., Lüning, S., Martin, M.A., Klitzsch, E., Khoja, A. & Craig, J.: Ichnostratigraphic correlation of Lower Palaeozoic clastics in the Kufra Basin (SE Libya)
- 263 Gong, Y.-M. & Si, Y.-L.: Classification and evolution of metazoan traces at a topological level
- 279 Checa, A.G. & Crampton, J.S.: Mechanics of sculpture formation in *Magadiceramus? rangatira rangatira* (Inoceramidae, Bivalvia) from the Upper Cretaceous of New Zealand
- 291 Jensen, S., Gehling, J.G., Droser, M.L. & Grant, S.W.E.: A scratch circle origin for the medusoid fossil *Kullingia*
- 300 Gomez, B., Martínez-Delclòs, X., Bamford, M. & Philippe, M.: Taphonomy and palaeoecology of plant remains from the oldest African Early Cretaceous amber locality
- 309 Schoch, R.R.: The evolution of metamorphosis in temnospondyls
- 328 Gudo, M.: Soft body reconstructions of Palaeozoic corals: implications for the system of Anthozoa (Coelenterata)
- 345 Vörös, A.: Victims of the Early Toarcian anoxic event: the radiation and extinction of Jurassic Koninckinidae (Brachiopoda)

## Lethaia Discussion

- 20 Zinsmeister, W.J.: Mass mortalities and mass extinction
- 358 Palmqvist, P., Mendoza, M., Arribas, A. & Gröcke, D.R.: Estimating the body mass of Pleistocene canids: discussion of some methodological problems and a new 'taxon free' approach

## Lethaia Seminars

- 32 Kaufman, J.A. & Smith, R.J.: Statistical issues in the prediction of body mass for Pleistocene canids
- 187 Lingham-Soliar, T.: First occurrence of premaxillary caniniform teeth in the Varanoidea: Presence in the extinct mosasaur *Goronyosaurus* (Squamata: Mosasauridae) and its functional and paleoecological implications
- 275 Zhuravlev, A.V.: A new type of conodont hard tissue
- 277 Donovan, S.K.: Island shelves, downslope transport and shell assemblages

## Lethaia Review

- 278 Zuschin, M.: Bivalvia neogenica (Nuculacea-Unionacea)

# Index of contributors

Arribas, A.	358
Bamford, M.	300
Bradshaw, M.A.	35
Checa, A.G.	279
Chen, J.-Y.	107
Cobban, W.A.	215
Craig, J.	257
Crampton, J.S.	279
Donovan, S.K.	277

Droser, M.L.	291
Engeser, T.	79
Fagerstrom, J.A.	35
Ferrández-Cañadell, C.	121
Gehling, J.G.	291
Gomez, B.	300
Gong, Y.-M.	263
Grant, S.W.E.	291
Gröcke, D.R.	358

Gudo, M.	328
Hallam, A.	147
Harries, P.J.	1
Harper, D.A.T.	71, 231
Henderson, R.A.	215
Jansa, L.F.	131
Jensen, S.	291
Jia-Yu, R.	231
Johanson, Z.	169
Kaufman, J.A.	32
Kennedy W.J.	215
Keupp, H.	79
Khoja, A.	257
Klitzsch, E.	257
Kröger, B.	61
Lingham-Soliar, T.	187
Lucas, S.G.	97
Lüning, S.	257
Maisch, M.W.	250
Martin, M.A.	257
Martinez-Delclòs, X.	300
Matzke, A.T	250

Mendoza, M.	358
Moczyłowska, M.	191
Morard, A.	21
Olóriz, F.	158
Ozanne, C.R.	1
Palmqvist, P.	158, 358
Pérez-Claros, J.A.	158
Philippe, M.	300
Sarti, M.	131
Schoch, R.R.	97, 309
Seilacher, A.	257
Si, Y.-L.	263
Smith, R.J.	32
Vannier, J.	107
Vörös, A.	345
Wan, X.	131
Williams, S.H.	71
Xu C.	231
Yazykova, E.	51
Zhuravlev, A.V.	275
Zinsmeister, W.J.	20
Zuschin, M.	278

